

[54] PROCESSING OF INFORMATION

[75] Inventors: Derek Buckle; Timothy D. Strand,
both of Dorset, England[73] Assignee: Quest Automation Limited, Dorset,
England

[21] Appl. No.: 43,596

[22] Filed: May 29, 1979

[30] Foreign Application Priority Data

May 31, 1978 [GB] United Kingdom 25935/78

[51] Int. Cl.³ G06K 9/22

[52] U.S. Cl. 340/146.3 SY; 178/18

[58] Field of Search 178/18, 19;
340/146.3 SY, 146.3 SG, 146.3 AC, 146.3 MA

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Primary Examiner—Leo H. Boudreau
 Attorney, Agent, or Firm—Pollock, Vande Sande &
 Priddy

[57]

ABSTRACT

A handwriting recognition device comprises a transducer surface responsive to a pen positioned thereon for representing the coordinate position of the pen as an electrical signal, and data processing means for recognizing a handwriting effected with the pen, the data processing means including a microprocessor based control controlling a read/write memory, a non-volatile read-only memory storing a handwriting recognition routine to store recognized handwriting in the read/write memory, and an interface communicating to a host computer system a representation of the recognized character. A visual display may be provided coupled to a display interface and an input information for receiving verified recognized handwriting communicated from the host computer system. The read/write memory has a first storage location coupled to the transducer storing a representation of signals from the transducer, a second storage location coupled to the interface and storing a representation of recognized handwriting, and a third storage location coupled to the display interface and storing an image of the display.

9 Claims, 15 Drawing Figures

